

FIG.1

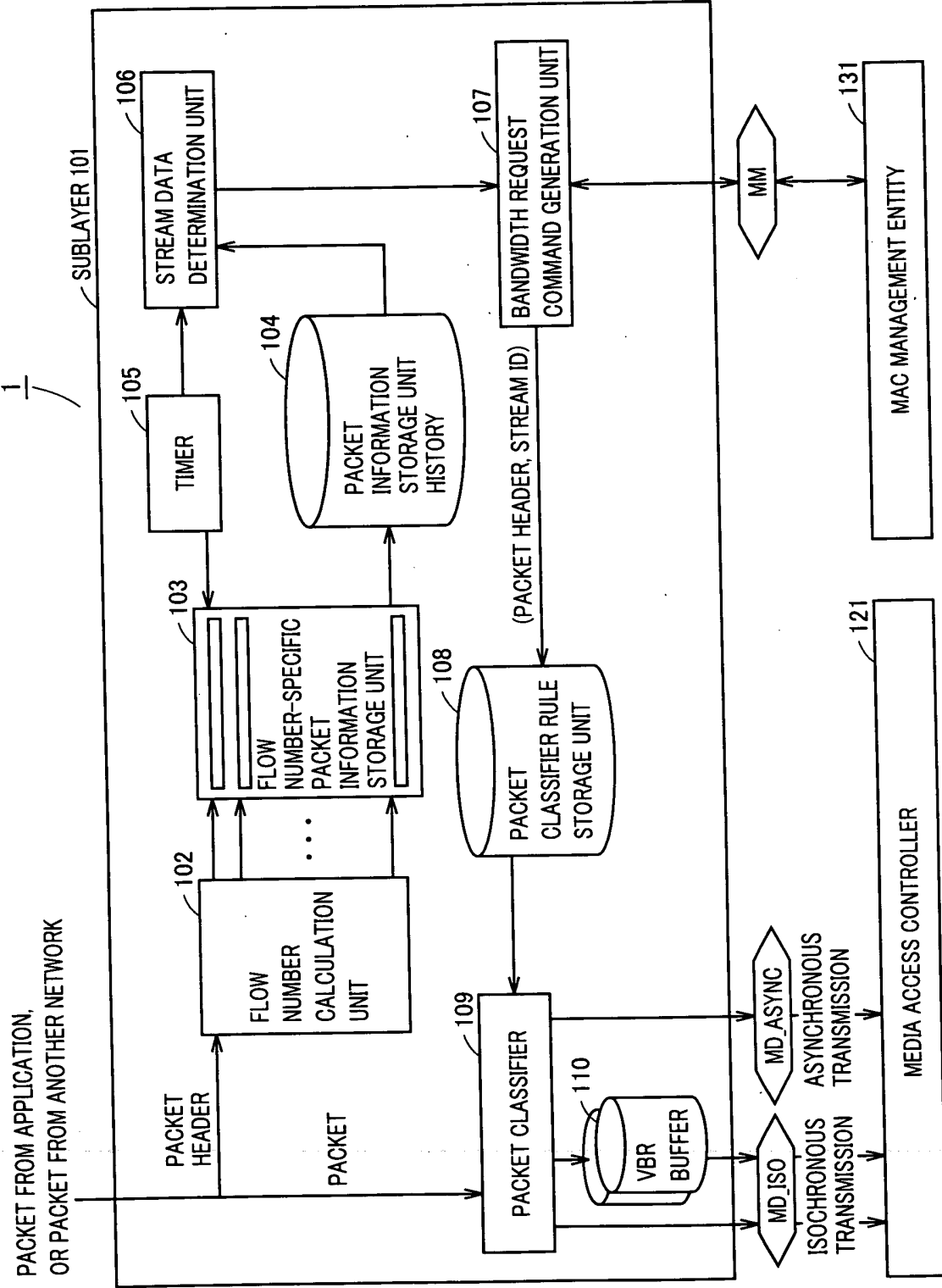


FIG.2

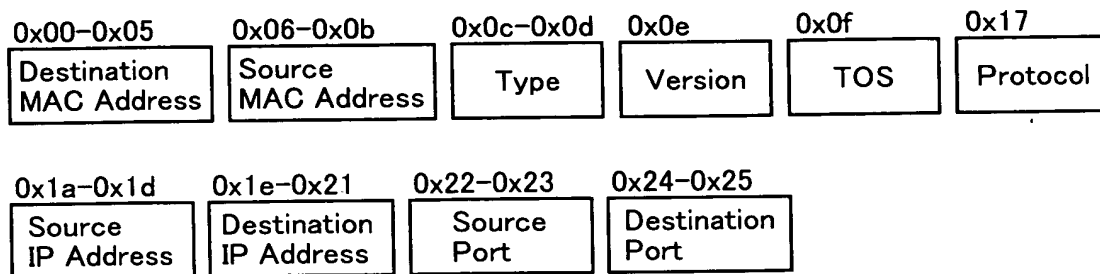


FIG.3A

```
byte[] head; //STORE PACKET HEADER
public int hashCode()
{
    int h = 0;
    for(int i = 0; i < head.length; i++){
        h = 37 * h + (head[i] & 0xff);
    }
    return h;
}
```

FIG.3B

```
public int flownum()
{
    //LOW-ORDER 8 BITS OF HASH CODE
    return hashCode() & 0xff;
}
```

FIG.4

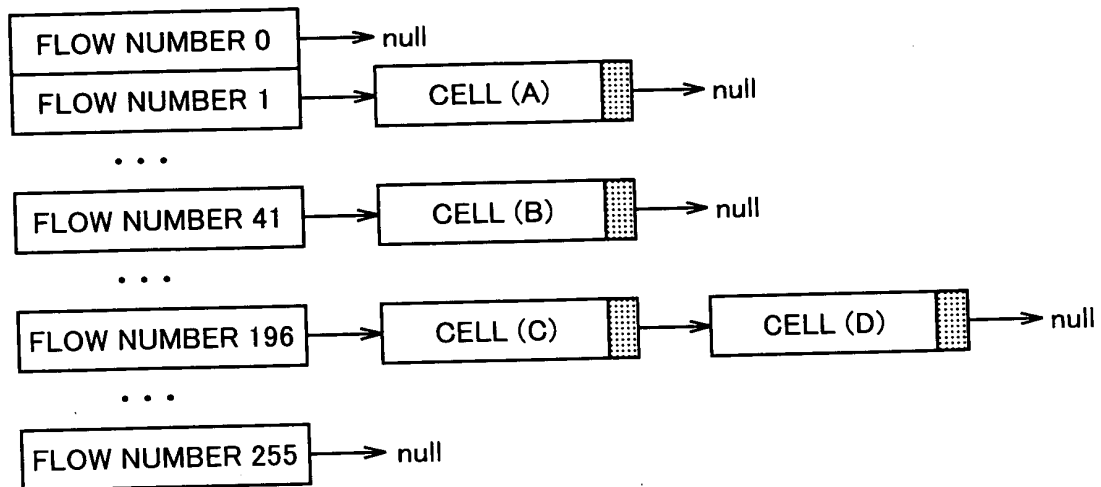


FIG.5

PACKET HEADER	HEAD PACKET ARRIVING TIME	LAST PACKET ARRIVING TIME	TOTAL PACKET LENGTH	PACKET COUNT	NEXT POINTER
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FIG.6

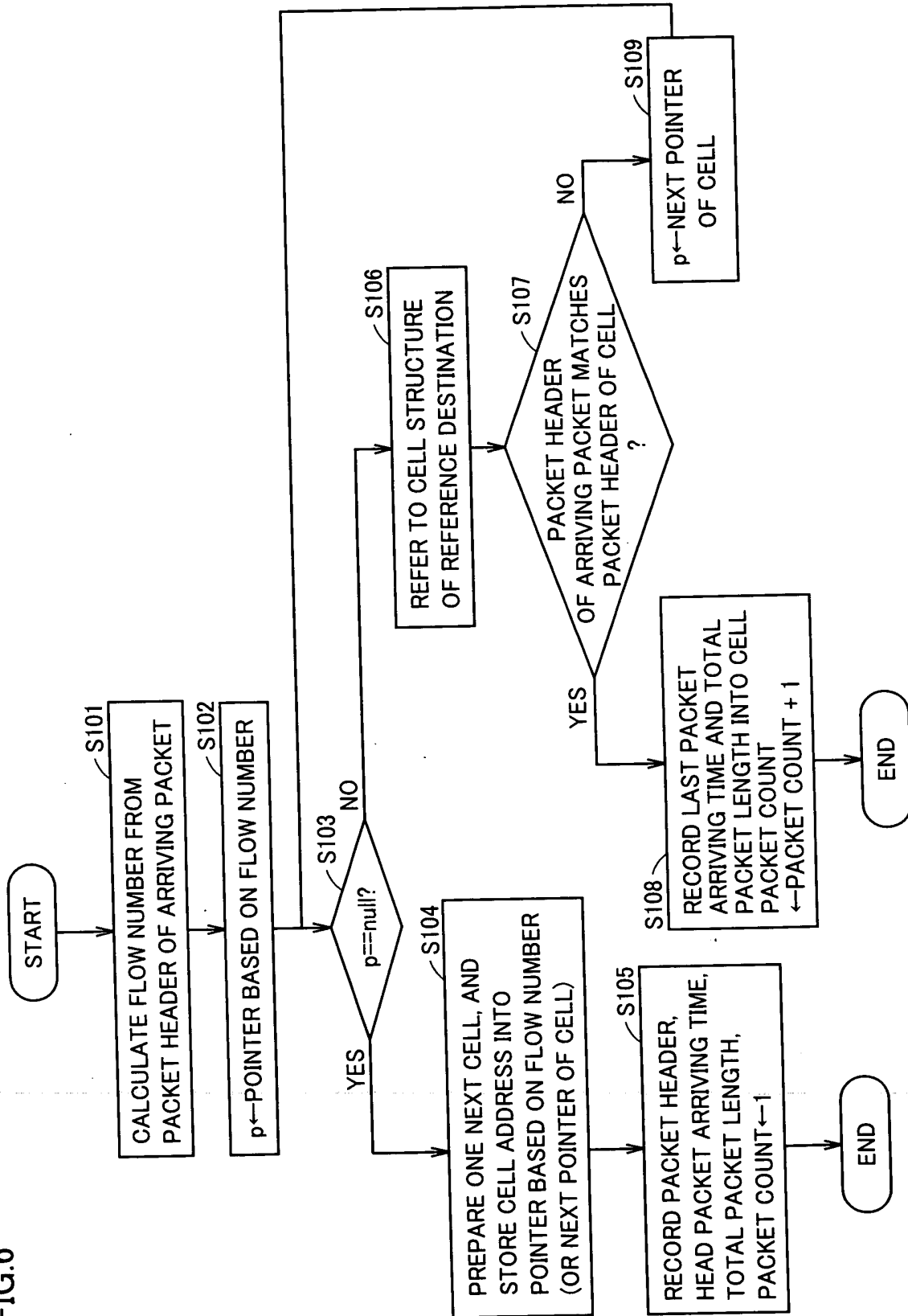


FIG.7

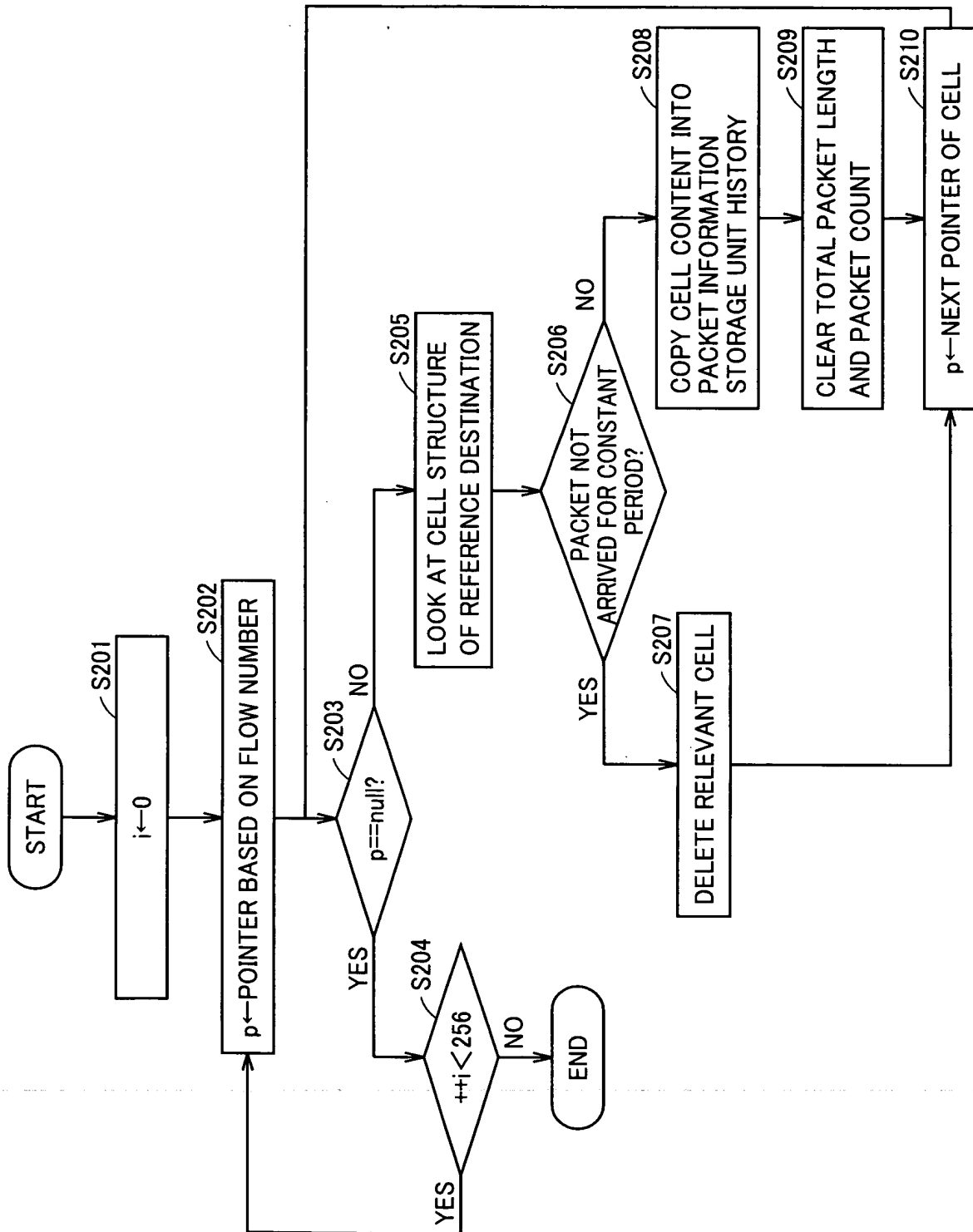


FIG.8

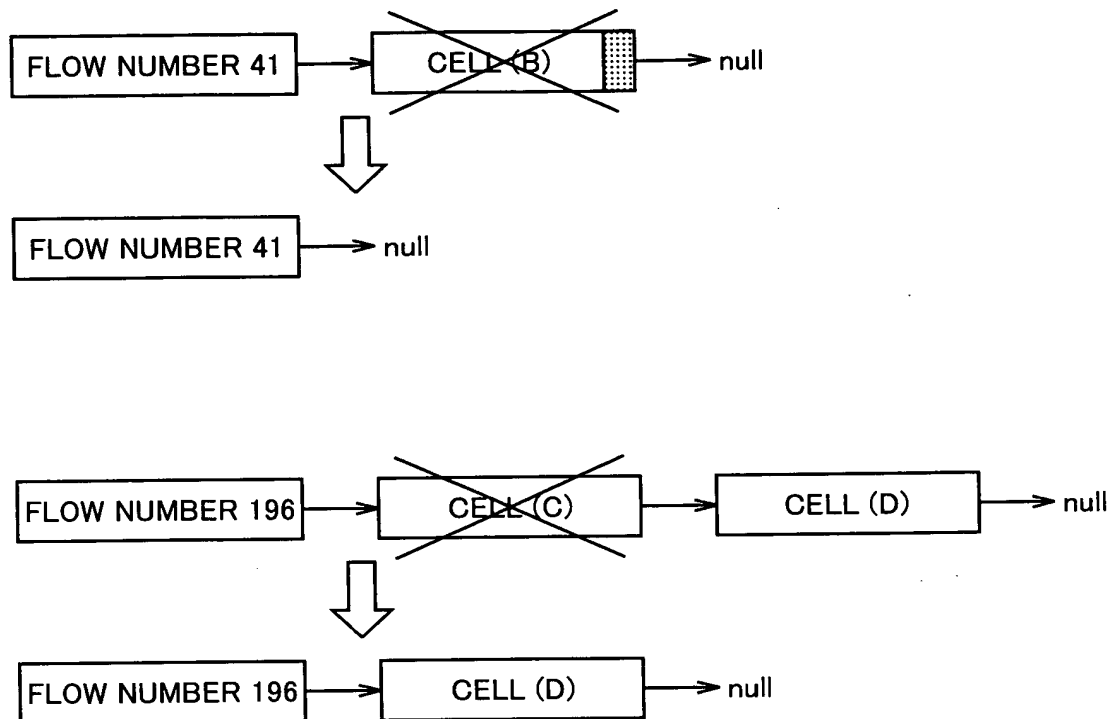


FIG.9

time(ms)	F3	F4
20	0	1209600
40	0	4838400
60	0	4233600
80	0	5443200
100	8335	6048000
120	0	5443200
140	0	8467200
160	8335	4838400
180	8335	4233600
200	0	6048000
220	0	5443200
240	0	4838400
260	0	4838400
280	0	5443200
300	0	5443200
320	0	4838400
340	8335	4838400
360	0	5443200
380	0	2419200
400	8335	7257600
420	0	4838400
440	8335	5443200
460	0	4838400
480	0	4233600
500	5872	6048000
520	2463	4838400
540	5872	3024000
560	2463	7862400
580	0	3628800
600	0	6048000
3760	8389	5443200
3780	0	4838400
3800	0	5443200
3820	0	3628800
3840	0	6652800
3860	0	4838400
3880	8335	4838400
3900	0	5443200
3920	8335	3628800
3940	0	6048000
3960	0	5443200
3980	8335	5443200
4000	0	4838400

FIG.10

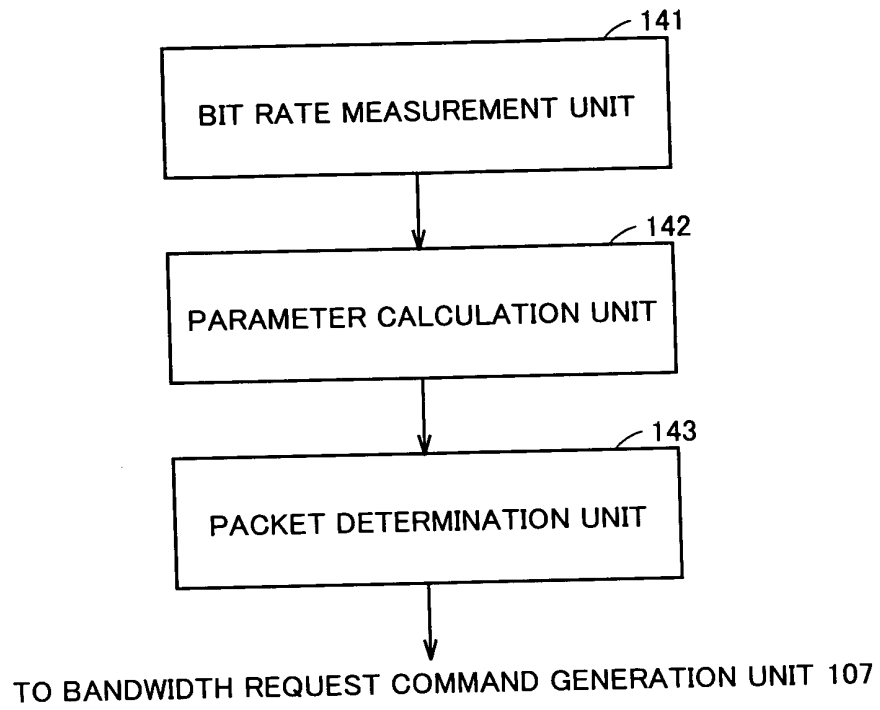


FIG.11A

F3	AVERAGE	2587.925
	STANDARD DEVIATION	3300.3898193054406
	COEFFICIENT OF VARIATION	1.2753035035039424
	MAXIMUM/AVERAGE	3.2415931682718777

FIG.11B

F4	AVERAGE	5092416.0
	STANDARD DEVIATION	1135285.4794033086
	COEFFICIENT OF VARIATION	0.2229365156741532
	MAXIMUM/AVERAGE	1.66270783847981

FIG.12

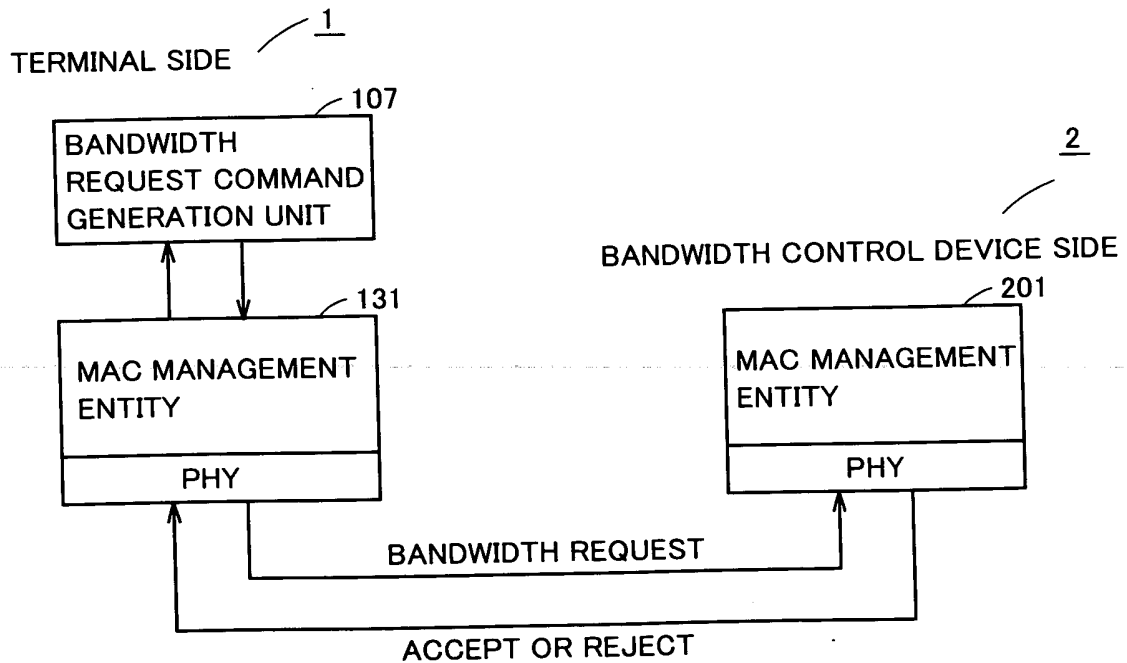


FIG.13

PACKET HEADER	STREAM ID	PRIORITY (OPTION)	BUFFER CAPACITY (OPTION)
...			

FIG.14A

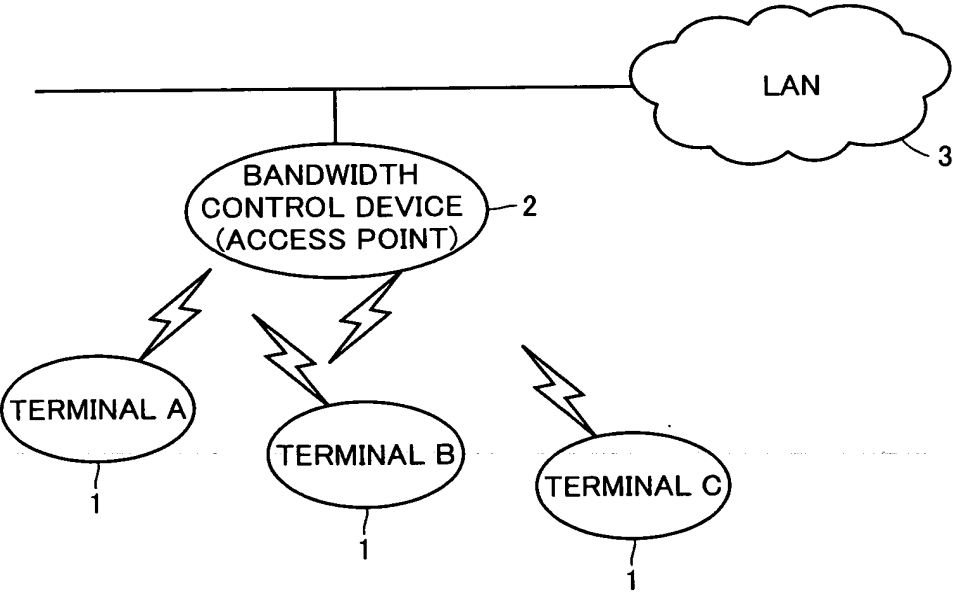


FIG.14B

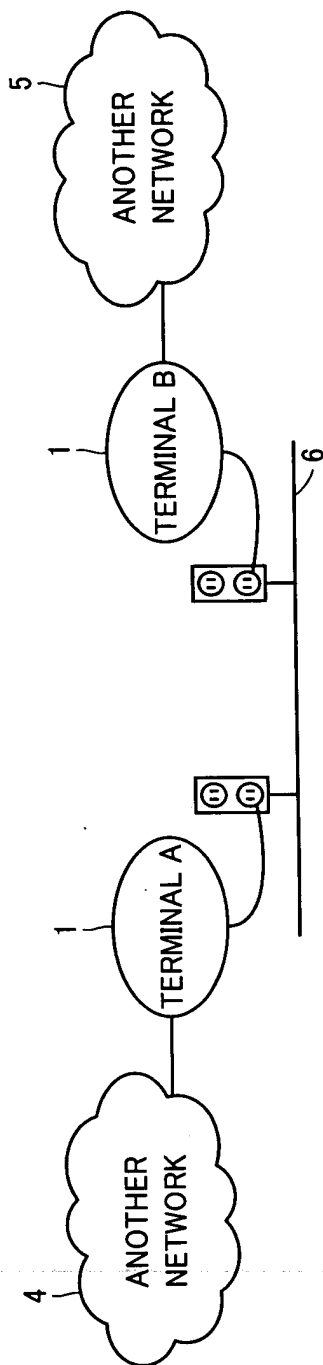


FIG.15

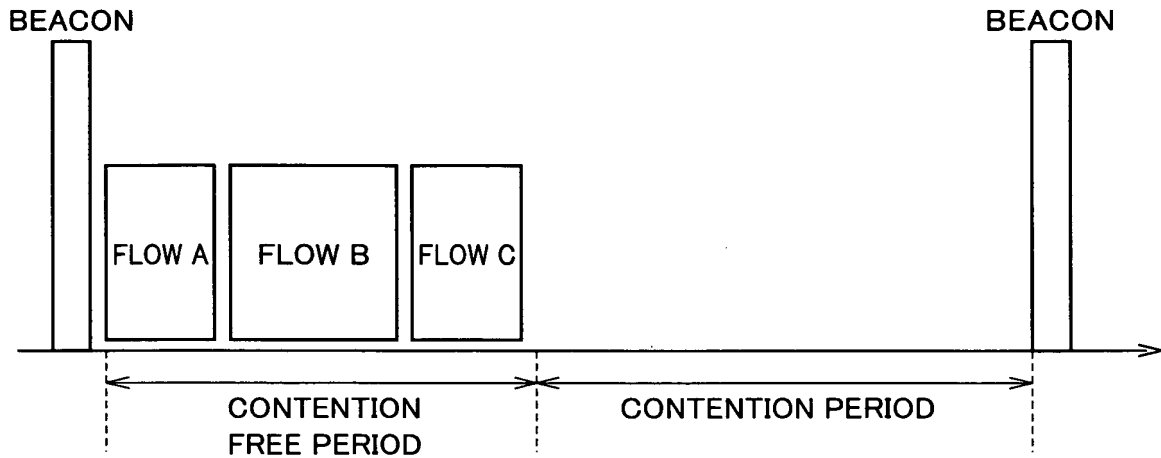


FIG.16

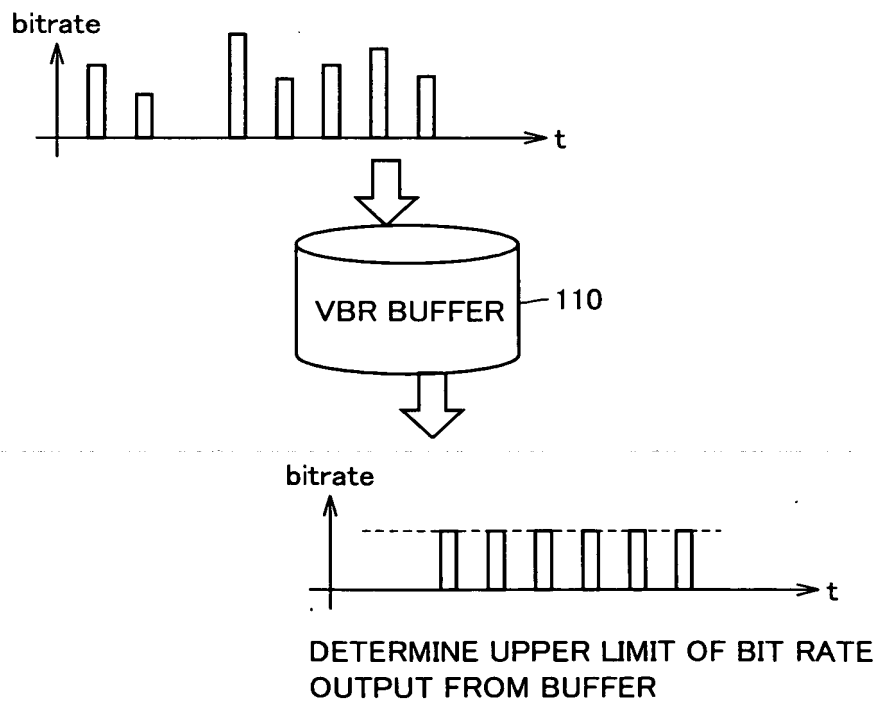


FIG.17

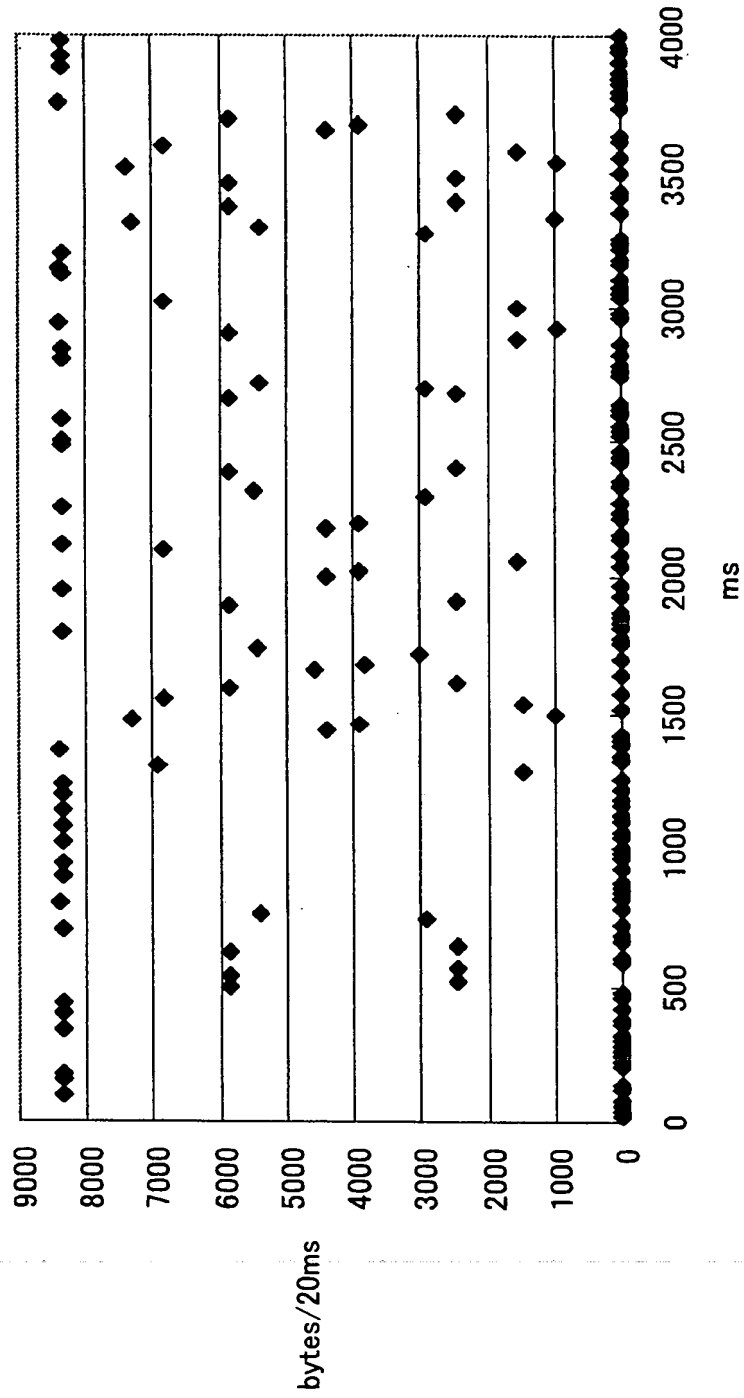


FIG.18

time(ms)	in(bytes)	out(bytes)	buffer(byte)
20	0	0	0
40	0	0	0
60	0	0	0
80	0	0	0
100	8335	2630	5705
120	0	2630	3075
140	0	2630	445
160	8335	2630	6150
180	8335	2630	11855
200	0	2630	9225
220	0	2630	6595
240	0	2630	3965
260	0	2630	1335
280	0	1335	0
300	0	0	0
320	0	0	0
340	8335	2630	5705
360	0	2630	3075
380	0	2630	445
400	8335	2630	6150
420	0	2630	3520
440	8335	2630	9225
460	0	2630	6595
480	0	2630	3965
500	5872	2630	7207
520	2463	2630	7040
540	5872	2630	10282
560	2463	2630	10115
580	0	2630	7485
600	0	2630	4855
3760	8389	2630	15215
3780	0	2630	12585
3800	0	2630	9955
3820	0	2630	7325
3840	0	2630	4695
3860	0	2630	2065
3880	8335	2630	7770
3900	0	2630	5140
3920	8335	2630	10845
3940	0	2630	8215
3960	0	2630	5585
3980	8335	2630	11290
4000	0	2630	8660

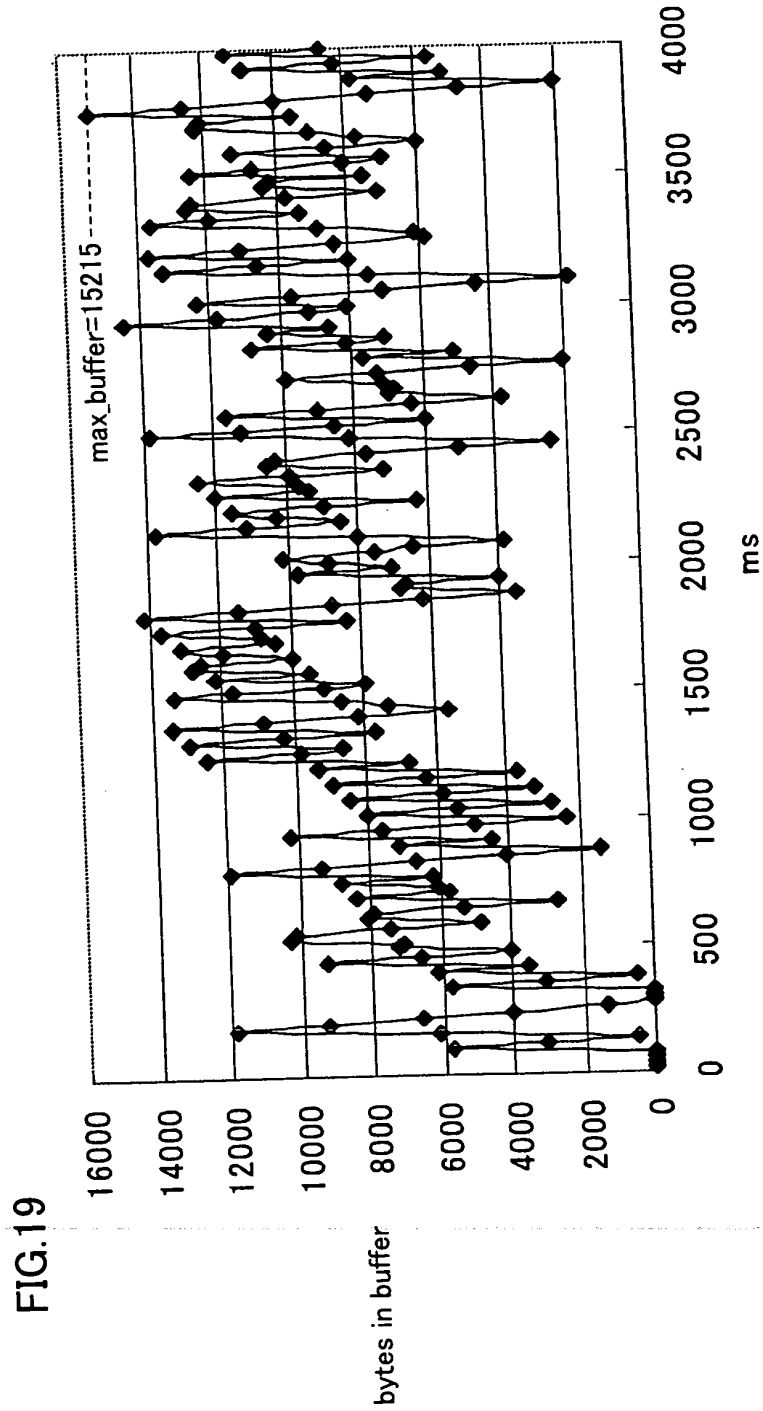


FIG.20

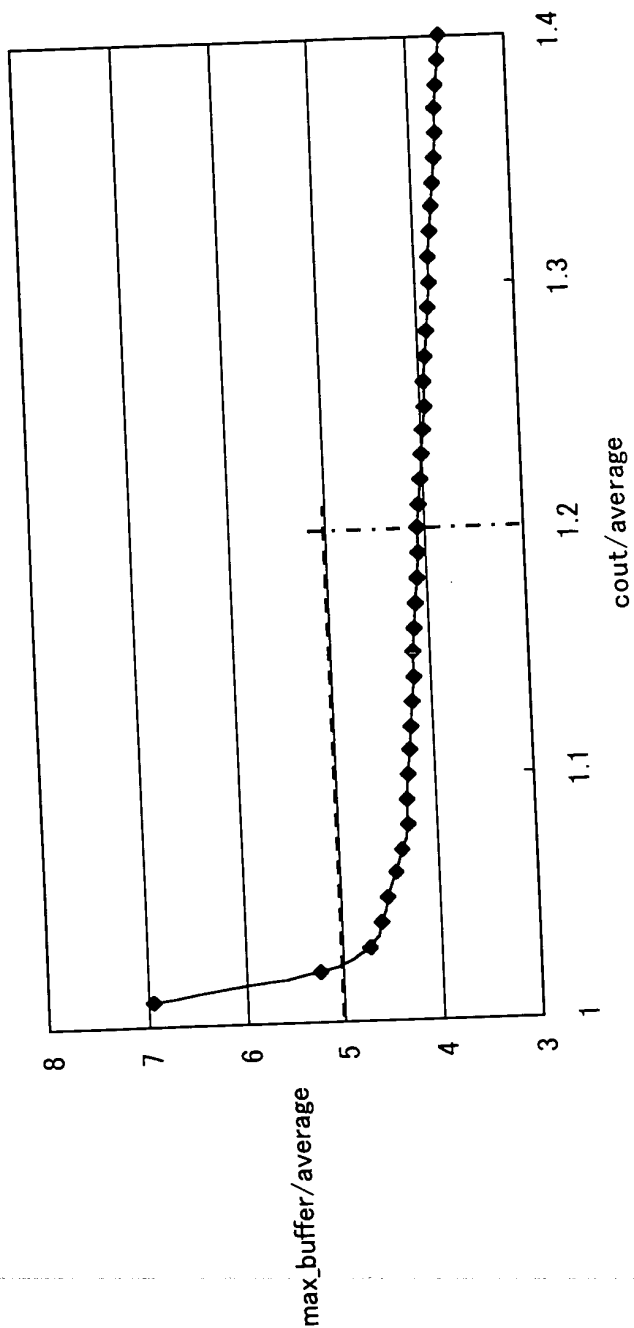


FIG.21

